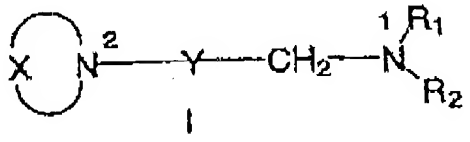
AMENDMENTS

In the Claims:

1. (Currently Amended): A pharmaceutical composition ~~for inhibiting cellular invasion or angiogenesis~~, wherein the composition comprises one or more cellular invasion or angiogenesis inhibiting compounds of formula I or II or pharmaceutically acceptable salts thereof, and a pharmaceutically acceptable carrier, wherein formula I is:



wherein:

X is a saturated, or unsaturated linear, or branched alkyl chain of between eleven and thirty carbons optionally substituted with one or more substituents selected from the group consisting of: oxo, [[,]] thiocarbonyl, oxime, -OH, -OR, -O_2CR, -SH, -SR, -SOCR, -NH_2, -NHR, -NR_2, -NR_3+[[-NR^3+]], -NHCOR, -I, -Br, -Cl, -F, -CN, -CO_2H, -CO_2R, -CHO, -COR, -$CONH_2$, -CONHR, NRCOR, -$CONR_2$, -COSR, -NO_2, -OSO_3H, -SO_3H, -SOR and -SO_2R; wherein one or more CH_2 groups if present in the alkyl chain, is optionally replaced by a moiety selected from the group consisting of: O, S,[[,]] and NH; and wherein one or more C and CH groups if present in the alkyl chain, is optionally replaced with NH;

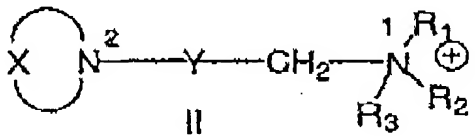
R_1 and R_2 are independently selected from the group consisting of: hydrogen; methyl; a linear, branched, or cyclic saturated, or unsaturated alkyl group containing one to ten carbons optionally substituted with one or more substituents selected from the group consisting of: -OH, -OR, =O, =S, =N-OH, -O_2CR, -SH, -SR, -SOCR, -NH_2, -

NHR, -NR_2, -NR_3+, -NHCOR, -I, -Br, -Cl, -F, -CN, -CO_2H, -CO_2R, -CHO, -COR, -$CONH_2$, -CONHR, NRCOR, -$CONR_2$, -COSH, -COSR, -CSOR, NO_2, -OSO_3H, -SO_3H, -SOR and -SO_2R; and benzyl, wherein a phenyl ring of the benzyl is optionally substituted with one or more substituents selected from the group consisting of: R, -OH, -OR, -O_2CR, -SH, -SR, -SOCR, -NH_2, -NHR, -NHR_2, -NHCOR, -I, -Br, -Cl, -F, -CN, -CO_2H, -CO_2R, -CHO, -COR, -$CONH_2$, -CONHR, -$CONR_2$, -COSH, -COSR, -NO_2, -SO_3H and -SO_2R; providing neither of R_1 and R_2 is an acyl or thioacyl residue forming an amide with N^1;

Y is a linear, branched, or cyclic, saturated, or unsaturated alkyl chain containing one to ten carbons optionally substituted with one or more substituents selected from the group consisting of: epoxide, -OH, -OR, =O, =S, =N-OH, -O_2CR, -SH, SR, -I, -Br, -Cl, -F, -CN, -CO_2R, -CHO, -COR, -$CONH_2$, -CONHR, NRCOR, -$CONR_2$, NO_2, -SOR and -SO_2R; wherein one or more CH_2 groups if present in the alkyl chain, is optionally replaced by O or S;

R is a linear, branched, or cyclic one to ten carbon saturated, or unsaturated alkyl group optionally substituted with one or more substituents selected from the group consisting of: epoxide, -OH, -OR', =O, =S, =N-OH, -O_2CR', -SH, -SR', -SOCR', -OSO_3H, -NH_2, -NHR', -NHR'_2, -NR_3+, -NHCOR', NR'COR', -I, -Br, -Cl, -F, -CN, -CO_2H, -CO_2R', -CHO, -COR', $CONH_2$, -CONHR', -$CONR'_2$, -COSH, -COSR', -NO_2, -SO_3H, -SOR' and -SO_2R'; wherein R' is a linear, branched, or cyclic one to ten carbon, saturated, or unsaturated alkyl group optionally substituted with -NH_2;

and wherein formula II is:



II

wherein:

X is a saturated, or unsaturated linear, or branched alkyl chain of between eleven and thirty carbons optionally substituted with one or more substituents selected from the

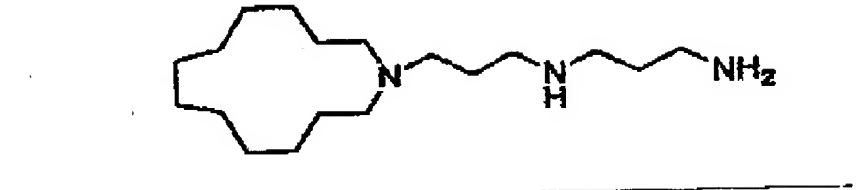
group consisting of: oxo, thiocarbonyl, oxime, -OH, -OR, -O_2CR, -SH, -SR, -SOCR, -NH_2, -NHR, -NR_2, -NR_3+, -NHCOR, -I, -Br, -Cl, -F, -CN, -CO_2H, -CO_2R, -CHO, -COR, -$CONH_2$, -CONHR, NRCOR, -$CONR_2$, -COSR, -NO_2, -OSO_3H, -SO_3H, -SOR and -SO_2R; wherein one or more CH_2 groups in the alkyl chain if present, is optionally replaced by a moiety selected from the group consisting of: O, S and NH; and wherein one or more C or CH groups in the alkyl chain if present, is optionally replaced with NH;

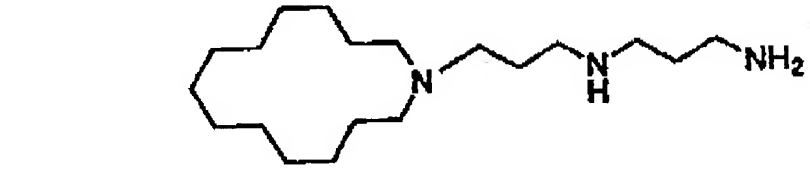
R_1, R_2, and R_3 are independently selected from the group consisting of: methyl; a linear, branched, or cyclic, saturated, or unsaturated alkyl group containing one to ten carbons optionally substituted with one or more substituents selected from the group consisting of: -OH, -OR, =O, =S, =N-OH, -O_2CR, -SH, -SR, -SOCR, -NH_2, -NHR, -NR_2, -NR_3+, -NHCOR, -I, -Br, -Cl, -F, -CN, -CO_2H, -CO_2R, -CHO, -COR, -$CONH_2$, -CONHR, NRCOR, -$CONR_2$, -COSH, -COSR, -CSOR, NO_2, -OSO_3H, -SO_3H, -SOR and -SO_2R; and benzyl, wherein a phenyl ring of the benzyl is optionally substituted with one or more substituents selected from the group consisting of: R, -OH, OR, -O_2CR, -SH, -SR, -SOCR, -NH_2, -NHR, -NHR_2, -NHCOR, -I, -Br, -Cl, -F, -CN, -CO_2H, -CO_2R, -CHO, -COR, -$CONH_2$, -CONHR, -$CONR_2$, -COSH, -COSR, -NO_2, SO_3H, -SOR and -SO_2R; providing none of R_1, R_2, and R_3 is an acyl or thioacyl residue forming an amide with N^1;

Y is a linear, branched, or cyclic, saturated, or unsaturated alkyl chain containing one to ten carbons optionally substituted with one or more substituents selected from the group consisting of: epoxide -OH, -OR, =O, =S, =N-OH, -O_2CR, -SH, -SR, -I, -Br, -Cl, -F, -CN, -CO_2R, -CHO, -COR, -$CONH_2$, -CONHR, NRCOR, -$CONR_2$, NO_2, -SOR and -SO_2R; wherein one or more CH_2 groups if present in the alkyl chain, is optionally replaced by O or S; and,

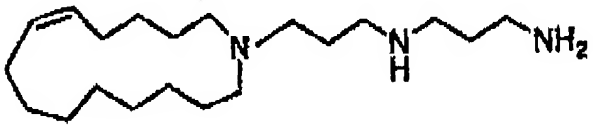
R is a linear, branched, or cyclic one to ten carbon saturated, or unsaturated alkyl group optionally substituted with one or more substituents selected from the group consisting of: epoxide, -OH, -OR', =O, =S, =N-OH, -O_2CR', -SH, -SR', -SOCR', -OSO_3H, -NH_2, -NHR', -NHR'_2, -NR'_3+, -NHCOR', NR'COR', -I, -Br, -Cl, -F, -CN, -CO_2H, -CO_2R', -CHO, -COR', -$CONH_2$, -CONHR', -$CONR'_2$, -COSH, -COSR', -NO_2, -SO_3H, -SOR' and -SO_2R'; wherein R' is a linear, branched, or cyclic one to ten carbon, saturated, or unsaturated alkyl group optionally substituted with -NH_2;

and providing that the pharmaceutical composition is not:





or



2. (Original): The composition of claim 1, wherein Y is optionally substituted $(CH_2)_n$ in which n is 1-5.

3. (Original): The composition of claim 1, wherein X is a saturated linear or branched alkyl chain of 11-16 carbon atoms, optionally substituted with R.

4. (Original): The composition of claim 1, wherein X is an unsaturated linear or branched alkyl chain of 11-16 carbon atoms, optionally substituted with R.

5. (Previously Presented): The composition of claim 1, wherein X is a fully

unsaturated -linear alkyl chain of 11-16 carbon atoms, optionally substituted with R.

6. (Original): The composition of claim 1, wherein the compound is of formula I in which one or both R_1 and R_2 is a linear or branched alkyl group optionally substituted by a substituent selected from the group consisting of: NH_2, -NHR, $-NR_2$, $-NR_3+$ and -NHCOR.

7. (Original): The composition of claim 1, wherein the compound is of formula I in which one or both R_1 and R_2 is selected from the group consisting of: hydrogen; methyl; and a linear or branched alkyl group, optionally substituted with a substituent selected from the group consisting of: -OH, -OR, and =O.

8. (Original): The composition of claim 1, wherein the compound is of formula I in which one or both R_1 and R_2 is a linear or branched C_2 to C_6 alkyl group, optionally substituted with a substituent selected from the group consisting of: NH_2, -NHR, $-NR_2$, $-NR_3+$ and -NHCOR.

9. (Original): The composition of claim 1, wherein the compound is of formula I in which one or both R_1 and R_2 is selected from the group consisting of: hydrogen; methyl; and a linear or branched C_2 to C_6 alkyl group, optionally substituted with a substituent selected from the group consisting of: -OH, -OR, and =O.

10. (Original): The composition of claim 1, wherein the compound is of formula II in which one or more of R_1, R_2, and R_3 is a linear or branched alkyl group, optionally substituted with a substituent selected from the group consisting of: NH_2, -NHR, $-NR_2$, $-NR_3+$ and -NHCOR.

11. (Original): The composition of claim 1, wherein the compound is of formula II in which one or more of R_1, R_2, and R_3 is selected from the group consisting of: methyl; and a linear or branched alkyl group optionally substituted with a substituent selected from the group consisting of: -OH, -OR, and =O.

12. (Original): The composition of claim 1, wherein the compound is of formula II in which one or more of R_1, R_2, and R_3 is a linear or branched C_2 to C_6 alkyl group, optionally substituted with a substituent selected from the group consisting of: NH_2, -NHR, $-NR_2$, $-NR_3+$ and -NHCOR.

13. (Original): The composition of claim 1, wherein the compound is of formula II in which one or more of R_1, R_2, and R_3 is selected from the group consisting of: methyl; and a linear or branched C_2 to C_6 alkyl group, optionally substituted with a substituent selected from the group consisting of: -OH, -OR, and =O.

14. (Previously Presented): The composition of claim 1, wherein the compound is of formula I in which:

(a) Y is $(CH_2)_n$ and n is 1, 2, or 3;

(b) X is a saturated or unsaturated linear alkyl chain of 11-15 carbon atoms, optionally substituted with a C_1-C_6 linear or branched alkyl group; or, a fully unsaturated linear alkyl chain of 11-16 carbon atoms;

(c) one of R_1 and R_2 is selected from the group consisting of: H, methyl, and a linear or branched C_2-C_6 alkyl group; and,

(d) another of R_1 and R_2 is a linear or branched C_2-C_6 alkyl group optionally substituted with a substituent selected from the group consisting of: NH_2, -NHR, $-NR_3+$, and -NHCOR, wherein R is a linear or branched C_1-C_6 saturated or unsaturated alkyl group.

15. (Previously Presented): The composition of claim 1, wherein the compound is of formula II in which:

(a) Y is $(CH_2)_n$ and n is 1, 2, or 3;

(b) X is a saturated or unsaturated linear alkyl chain of 11-15 carbon atoms, optionally substituted with R, with a C_1-C_6 linear or branched alkyl group; or, a fully unsaturated linear alkyl chain of 11-16 carbon atoms;

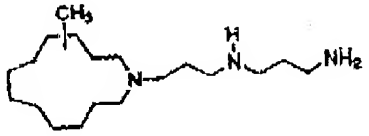
(c) one or two of R_1, R, and R_3 is methyl, or a linear or branched C_2-C_6 alkyl

group; and,

(d) another of R_1, R, and R_3 is a linear or branched C_2-C_6 alkyl group optionally substituted with a substituent selected from the group consisting of: NH_2, -NHR, NR_3+ and -NHCOR, wherein R is a linear or branched C_1-C_6 saturated or unsaturated alkyl group.

16. (Canceled)

17. (Original): The composition of claim 1, wherein a compound in the composition has the structure:

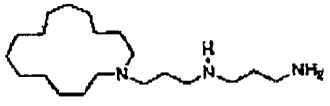


wherein the CH_3 group is joined at one of C12, C-13, C-14 and C-15.

18. (Previously Presented): The composition of claim 1, wherein a compound in the composition is selected from the group consisting of: N-(3-azacyclotridec-1-ylpropyl)-1,3-propanediamine, N-(3-azacyclotetradec-1-ylpropyl)-1,3-propanediamine and N-[3-[(6Z)-azacyclopentadec-6-en-1-yl]propyl]-1,3-propanediamine.

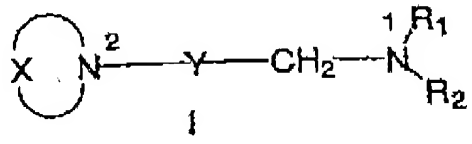
19. (Canceled)

20. (Previously Presented): The composition of claim 1, wherein a compound in the composition has the structure:



Claims 21 - 39. (Canceled)

40. (Previously Presented) A method for inhibiting cellular invasion or angiogenesis in a patient in need thereof, comprising administering to the patient, an amount of a compound or pharmaceutically acceptable salt thereof effective to inhibit cellular invasion or angiogenesis in a tissue of the patient, the compound being of formula I or II, wherein formula I is:



wherein:

X is a saturated, or unsaturated linear, orbranched alkyl chain of between eleven and thirty carbons optionally substituted with one or more substituents selected from the group consisting of oxo, thiocarbonyl, oxime, -OH, -OR, $-O_2CR$, -SH, -SR, -SOCR, $-NH_2$, -NHR, $-NR_2$, $-NR^3+$, -NHCOR, -I, -Br, -Cl, -F, -CN, $-CO_2H$, $-CO_2R$, -CHO, -COR, $-CONH_2$, -CONHR, NRCOR, $-CONR_2$, -COSR, $-NO_2$, $-OS0_3H$, $-SO_3H$, -SOR and $-SO_2R$; wherein one or more CH_2 groups if present in the alkyl chain, is optionally replaced by a moiety selected from the group consisting of: O, S, and NH; and wherein one or more C and CH groups if present in the alkyl chain, is optionally replaced with NH;

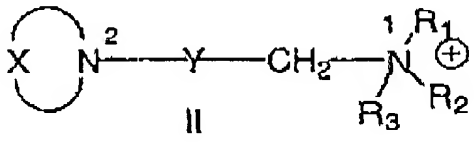
R_1 and R_2 are independently selected from the group consisting of: hydrogen; methyl; a linear, branched, or cyclic saturated, or unsaturated alkyl group containing one to ten carbons optionally substituted with one or more substituents selected from the group consisting of: -OH, -OR, =O, =S, =N-OH, $-O_2CR$, -SH, -SR, -SOCR, $-NH_2$, -NHR, $-NR_2$, $-NR_3+$, -NHCOR, -I, -Br, -Cl, -F, -CN, $-CO_2H$, $-CO_2R$, -CHO, -COR, -

$CONH_2$, -CONHR, NRCOR, $-CONR_2$, -COSH, -COSR, -CSOR, NO_2, $-OSO_3H$, $-SO_3H$, -SOR and $-SO_2R$; and benzyl, wherein a phenyl ring of the benzyl is optionally substituted with one or more substituents selected from the group consisting of: R, -OH, -OR, $-O_2CR$, -SH, -SR, -SOCR, $-NH_2$, -NHR, $-NHR_2$, -NHCOR, -I, -Br, -Cl, -F, -CN, $-CO_2H$, $-CO_2R$, -CHO, -COR, $-CONH_2$, -CONHR, $-CONR_2$, -COSH, -COSR, $-NO_2$, $-SO_3H$ and $-SO_2R$; providing neither of R_1 and R_2 is an acyl or thioacyl residue forming an amide with N^1;

Y is a linear, branched, or cyclic, saturated, or unsaturated alkyl chain containing one to ten carbons optionally substituted with one or more substituents selected from the group consisting of: epoxide, -OH, -OR, =O, =S, =N-OH, $-O_2CR$, -SH, SR, -I, -Br, -Cl, -F, -CN, $-CO_2R$, -CHO, -COR, $-CONH_2$, -CONHR, NRCOR, $-CONR_2$, NO_2, -SOR and $-SO_2R$; wherein one or more CH_2 groups if present in the alkyl chain, is optionally replaced by O or S;

R is a linear, branched, or cyclic one to ten carbon saturated, or unsaturated alkyl group optionally substituted with one or more substituents selected from the group consisting of: epoxide, -OH, -OR', =O, =S, =N-OH, $-O_2CR'$, -SH, -SR', -SOCR', $-OSO_3H$, $-NH_2$, -NHR', $-NHR'_2$, $-NR_3+$, -NHCOR', NR'COR', -I, -Br, -Cl, -F, -CN, $-CO_2H$, $-CO_2R'$, -CHO, -COR', $CONH_2$, -CONHR', $-CONR'_2$, -COSH, -COSR', $-NO_2$, $-SO_3H$, -SOR' and $-SO_2R'$; wherein R' is a linear, branched, or cyclic one to ten carbon, saturated, or unsaturated alkyl group optionally substituted with $-NH_2$;

and wherein formula II is:



II

wherein:

X is a saturated, or unsaturated linear, orbranched alkyl chain of between eleven and thirty carbons optionally substituted with one or more substituents selected from the group consisting of: oxo, thiocarbonyl, oxime, -OH, -OR, $-O_2CR$, -SH, -SR, -SOCR, -

NH_2, -NHR, $-NR_2$, $-NR_3+$, -NHCOR, -I, -Br, -Cl, -F, -CN, $-CO_2H$, $-CO_2R$, -CHO, -COR, $-CONH_2$, -CONHR, NRCOR, $-CONR_2$, -COSR, $-NO_2$, $-OSO_3H$, $-SO_3H$, -SOR and $-SO_2R$; wherein one or more CH_2 groups in the alkyl chain if present, is optionally replaced by a moiety selected from the group consisting of: O, S, and NH; and wherein one or more C or CH groups in the alkyl chain if present, is optionally replaced with NH-;

R_1, R_2, and R_3 are independently selected from the group consisting of: methyl; a linear, branched, or cyclic, saturated, or unsaturated alkyl group containing one to ten carbons optionally substituted with one or more substituents selected from the group consisting of: -OH, -OR, =O, =S, =N-OH, $-O_2CR$, -SH, -SR, -SOCR, $-NH_2$, -NHR, $-NR_2$, $-NR_3+$, -NHCOR, -I, -Br, -Cl, -F, -CN, $-CO_2H$, $-CO_2R$, -CHO, -COR, $-CONH_2$, -CONHR, NRCOR, $-CONR_2$, -COSH, -COSR, -CSOR, NO_2, $-OSO_3H$, $-SO_3H$, -SOR and $-SO_2R$; and benzyl, wherein a phenyl ring of the benzyl is optionally substituted with one or more substituents selected from the group consisting of: R, -OH, OR, $-O_2CR$, -SH, -SR, -SOCR, $-NH_2$, -NHR, $-NHR_2$, -NHCOR, -I, -Br, -Cl, -F, -CN, $-CO_2H$, $-CO_2R$, -CHO, -COR, $-CONH_2$, -CONHR, $-CONR_2$, -COSH, -COSR, $-NO_2$, SO_3H, -SOR and $-SO_2R$; providing none of R_1, R_2, and R_3 is an acyl or thioacyl residue forming an amide with N^1;

Y is a linear, branched, or cyclic, saturated, or unsaturated alkyl chain containing one to ten carbons optionally substituted with one or more substituents selected from the group consisting of: epoxide -OH, -OR, =O, =S, =N-OH, $-O_2CR$, -SH, -SR, -I, -Br, -Cl, -F, -CN, $-CO_2R$, -CHO, -COR, $-CONH_2$, -CONHR, NRCOR, $-CONR_2$, NO_2, -SOR and $-SO_2R$; wherein one or more CH_2 groups if present in the alkyl chain, is optionally replaced by O or S; and,

R is a linear, branched, or cyclic one to ten carbon saturated, or unsaturated alkyl group optionally substituted with one or more substituents selected from the group consisting of: epoxide, -OH, -OR', =O, =S, =N-OH, $-O_2CR'$, -SH, -SR', -SOCR', $-OSO_3H$, $-NH_2$, -NHR', $-NHR'_2$, $-NR'_3+$, -NHCOR', NR'COR', -I, -Br, -Cl, -F, -CN, $-CO_2H$, $-CO_2R'$, -CHO, -COR', $-CONH_2$, -CONHR', $-CONR'_2$, -COSH, -COSR', $-NO_2$, $-SO_3H$, -SOR' and $-SO_2R'$; wherein R' is a linear, branched, or cyclic one to ten carbon, saturated, or unsaturated alkyl group optionally substituted with $-NH_2$.

41. (Previously Presented): The method of claim 40, wherein

(a) Y is $(CH_2)_n$ and n is 1, 2, or 3;

(b) X is a saturated or unsaturated linear alkyl chain of 11-15 carbon atoms, optionally substituted with a C_1-C_6 linear or branched alkyl group; or, a fully unsaturated linear alkyl chain of 11-16 carbon atoms;

(c) one of R_1 and R_2 is selected from the group consisting of: H, methyl, and a linear or branched C_2-C_6 alkyl group; and,

(d) another of R_1 and R_2 is a linear or branched C_2-C_6 alkyl group optionally substituted with a substituent selected from the group consisting of: NH_2, -NHR, $-NR_3+$, and -NHCOR, wherein R is a linear or branched C_1-C_6 saturated or unsaturated alkyl group.

42. (Previously Presented): The method of claim 40, wherein the compound is of formula II in which:

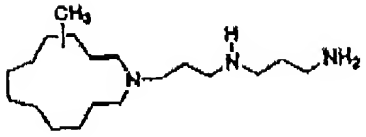
(a) Y is $(CH_2)_n$ and n is 1, 2, or 3;

(b) X is a saturated or unsaturated linear alkyl chain of 11-15 carbon atoms, optionally substituted with R, with a C_1-C_6 linear or branched alkyl group; or, a fully unsaturated linear alkyl chain of 11-16 carbon atoms;

(c) one or two of R_1, R, and R_3 is methyl, or a linear or branched C_2-C_6 alkyl group; and,

(d) another of R_1, R, and R_3 is a linear or branched C_2-C_6 alkyl group optionally substituted with a substituent selected from the group consisting of: NH_2, -NHR, NR_3+ and -NHCOR, wherein R is a linear or branched C_1-C_6 saturated or unsaturated alkyl group.

43. (Original): The method of claim 40, wherein a compound in the composition has the structure:

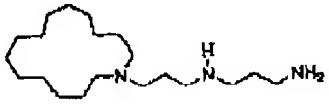


wherein the CH_3 group is joined at one of C12, C-13, C-14 and C-15.

44. (Previously Presented): The method of claim 40, wherein the compound is selected from the group consisting of: N-(3-azacyclotridec-1-ylpropyl)-1,3-propanediamine, N-(3-azacyclotetradec-1-ylpropyl)-1,3-propanediamine and N-[3-[(6Z)-azacyclopentadec-6-en-1-yl]propyl]-1,3-propanediamine.

45. (Canceled)

46. (Previously Presented): The method of claim 40, wherein the compound has the structure:

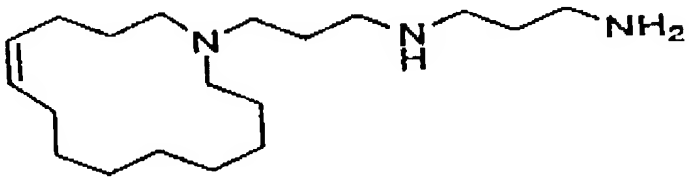


50. Claims 47 - 50. (Canceled)

51. (Previously Presented): The composition of claim 1, wherein X is a saturated or unsaturated linear alkyl chain of 12, 13 or 14 carbon atoms; Y is $(CH_2)_2$; one of R_1 and R_2 is $-(CH_2)_3NH_2$; and the other of R_1 and R_2 is H.

52. (Previously Presented): The method of claim 40, wherein X is a saturated or unsaturated linear alkyl chain of 12, 13 or 14 carbon atoms; Y is $(CH_2)_2$; one of R_1 and R_2 is $-(CH_2)_3NH_2$; and the other of R_1 and R_2 is H.

53. (Previously Presented) The composition of claim 1, wherein a compound in the composition has the structure:



54. (Previously Presented) The method of claim 40, wherein a compound has the structure: